

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: **Madison et al.**

Serial No.: 09/776,191

Filed: February 2, 2001

**For: NUCLEIC ACID MOLECULES ENCODING
TRANSMEMBRANE SERINE PROTEASES,
THE ENCODED PROTEINS AND METHODS
BASED THEREON**

Art Unit: 1614

Examiner: Unassigned

RECEIVED
RECEIVED
AUG 06 00 1982 - 2 AM 10:33
TECH CENTER 1600/2900

TRANSMITTAL LETTER

Commissioner for Patents
Washington, D.C. 20231

Sir:

Transmitted herewith is an Information Disclosure Statement, Forms PTO-1449 (21 pages), and the cited references for filing in connection with the above-identified application. Because this Information Disclosure Statement is filed prior to receipt of a First Office Action on the merits in the above-referenced application, no fee is due. However, should it be determined that a fee for filing these papers is required, the Commissioner is authorized to charge Deposit Account No. 50-1213, as stated below:

(X) The Commissioner is hereby authorized to charge any fees that may be due under 37 C.F.R. §§1.16-1.17 in connection with this paper or with this application during its entire pendency to Deposit Account No. 50-1213. A duplicate of this sheet is enclosed.

Respectfully submitted,
HELLER EHRLICH WHITE & McAULIFFE LLP

By:

Stephanie L. Seidman
Registration No. 33,779

Dated: August 1, 2001

Attorney Docket No.: 24745-1607

Address all correspondence to:

Heller Ehrman White & McAuliffe LLP

4350 La Jolla Village Drive, Suite 6

San Diego, CA 92122-1246

Telephone: 858/450-8403

Facsimile: 858/587-5360

EMAIL sseidman@HEWM.com

www.secularisview.com

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: **Madison et al.**

Serial No.: **09/776,191**

Filed: **February 2, 2001**

For: **NUCLEIC ACID MOLECULES ENCODING
TRANSMEMBRANE SERINE PROTEASES,
THE ENCODED PROTEINS AND METHODS
BASED THEREON**

Art Unit: **1614**

Examiner: **Unassigned**

RECEIVED
TECH CENTER 1600/2900
01 AUG -2 AM 10:33

TRANSMITTAL LETTER

Commissioner for Patents
Washington, D.C. 20231

Sir:

Transmitted herewith is an Information Disclosure Statement, Forms PTO-1449 (21 pages), and the cited references for filing in connection with the above-identified application. Because this Information Disclosure Statement is filed prior to receipt of a First Office Action on the merits in the above-referenced application, no fee is due. However, should it be determined that a fee for filing these papers is required, the Commissioner is authorized to charge Deposit Account No. 50-1213, as stated below:

The Commissioner is hereby authorized to charge any fees that may be due under 37 C.F.R. §§1.16-1.17 in connection with this paper or with this application during its entire pendency to Deposit Account No. 50-1213. A duplicate of this sheet is enclosed.

Respectfully submitted,
HELLER EHRLMAN WHITE & McAULIFFE LLP

By:

Stephanie L. Seidman
Registration No. 33,779

Dated: August 1, 2001

Attorney Docket No.: 24745-1607

Address all correspondence to:

Heller Ehrman White & McAuliffe LLP
4350 La Jolla Village Drive, Suite 600
San Diego, CA 92122-1246
Telephone: 858/450-8403
Facsimile: 858/587-5360
EMAIL sseidman@HEWM.com

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: **Madison et al.**

Serial No.: **09/776,191**

Filed: **February 2, 2001**

For: **NUCLEIC ACID MOLECULES
ENCODING TRANSMEMBRANE
SERINE PROTEASES, THE
ENCODED PROTEINS AND
METHODS BASED THEREON**

Art Unit: **1614**

Examiner: **Unassigned**

RECEIVED
TECH CENTER 1600/2900
01 AUG -2 AM 10:33

**INFORMATION DISCLOSURE STATEMENT IN ACCORDANCE
WITH 37 C.F.R. §§ 1.97-1.98**

Commissioner for Patents
Washington, D.C. 20231

Dear Sir:

Since this Information Disclosure Statement is filed before the receipt of a first Office Action on the merits for the above-captioned application, no filing fee is due. If it is determined that a fee is due, the Commissioner is authorized to charge the unpaid amount to Deposit Account No. 50-1213.

In accordance with the duty of disclosure imposed by 37 C.F.R. §1.56 to inform the Patent Office of all references known by Applicant or Applicant's representative that may be material to the examination of the subject application, Applicant's representative hereby provides this Information Disclosure Statement that is prepared in accordance with 37 C.F.R. §§1.97-1.98. The Forms PTO-1449 (21 pages) and cited reference are provided herewith.

U.S.S.N. 09/776,191
MADISON, *et al.*
IDS

The documents listed on the Forms PTO-1449 and supplied herewith are in the English language with the exception if Item HR. Item HR is a Japanese language reference by Shiozaki *et al.* and includes an English Language abstract. Hence, in accordance with the requirements of 37 C.F.R. §1.98, as amended effective March 16, 1992, no further explanation of the listed items is necessary.

Applicant also makes known to the Examiner the following U.S. applications which are commonly owned and/or have one or more inventors in common.

<u>U.S.S.N.(App. no.)</u>	<u>Filing Date</u>	<u>Docket No.</u>
09/580,535	05/26/00	1604B
09/657,986	09/08/00	
09/716,036	11/17/00	1604C
09/717,473	11/20/00	1605
60/255,221	12/12/00	P1606
09/776,191	02/02/01	1607
60/293,267	05/23/01	P1611
60/275,592	03/13/01	P1613
60/278,166	03/22/01	P1614
60/279,228	03/27/01	P1615
60,291,501	05/15/01	P1615B
60/291,001	05/14/01	P1616

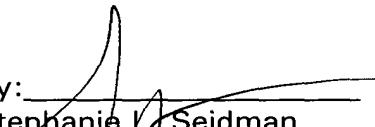
<u>Int'l Appln. No.</u>	<u>Filing Date</u>	<u>Docket No.</u>
PCT/US01/03471	02/02/01	1607PC

Although these documents are made known to the Patent and Trademark Office in compliance with Applicant's duty of disclosure, such disclosure is not to be construed as an admission by Applicant or Applicant's representative that any of the references, singly or in any combination thereof, is effective as prior art against the subject application. In accordance with 37 C.F.R. §1.97(h), the filing of this Supplemental Information Disclosure Statement shall not be construed to mean that a search has been made or that no other material information as defined in 37 C.F.R. §1.56(b) exists.

U.S.S.N. 09/776,191
MADISON, *et al.*
IDS

Applicant respectfully requests that the Examiner review the foregoing reference and it be made of record in the file history of the above-captioned application.

Respectfully submitted,
HELLER EHRLMAN WHITE & McAULIFFE LLP

By: 
Stephanie L. Seidman
Registration No. 33,779

Dated: August 1, 2001
Attorney Docket No. 24745-1607
Address all correspondence to:
Heller Ehrman White & McAuliffe LLP
4350 La Jolla Village Drive, Suite 600
San Diego, CA 92122-1246
Telephone: 858/450-8403
Facsimile: 858/587-5360
EMAIL sseidman@HEWM.com

LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT								ATTY. DOCKET NO. 24745-1607	SERIAL NO. 09/776,191						
								APPLICANT MADISON et al.							
								FILING DATE February 2, 2001	GROUP 1614						

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER							DATE	NAME	CLASS	SUB CLASS	FILING DATE
	A	4	1	7	9	3	3	7	12/18/79	Davis et al.	435	181	07/28/77
	B	4	3	0	1	1	4	4	11/17/81	Iwashita et al.	424	78	07/10/80
	C	4	4	9	6	6	8	9	01/29/85	Mitra	525	54.1	12/27/83
	D	4	6	4	0	8	3	5	02/03/87	Shimizu et al.	424	94	10/28/83
	E	4	6	7	0	4	1	7	06/02/87	Shimizu et al.	514	6	02/21/86
	F	4	7	9	1	1	9	2	12/13/88	Nakagawa et al.	530	399	06/18/87
	G	4	9	8	0	2	8	6	12/25/90	Morgan et al.	435	172.3	01/03/89
	H	5	2	2	5	5	3	9	07/06/93	Winter	530	387.3	10/25/91
	I	5	2	7	0	1	7	0	12/14/93	Schatz et al.	435	7.37	10/16/91
	J	4	9	5	2	4	9	6	08/28/90	Studier et al.	435	91	12/29/86
	K	5	2	1	5	8	9	9	06/01/93	Dattagupta	435	6	08/23/90
	L	5	4	3	6	1	2	8	07/25/95	Harpold et al.	435	6	01/27/93
	M	5	4	8	2	8	4	8	01/09/96	Dickson et al.	435	219	02/22/94
	N	5	6	1	2	4	7	4	03/18/97	Patel	536	27.14	06/30/94
	O	5	7	9	2	6	1	6	08/11/98	Persico et al.	435	7.21	06/05/95
	P	5	9	7	2	6	1	6	10/26/99	O'Brien et al.	435	6	02/20/98
	Q	6	1	2	1	2	3	8	09/19/00	Dower et al.	514	13	02/03/99

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER							DATE	COUNTRY	CLASS	SUB CLASS	Translation Yes No
	R	0	0	1	2	7	0	8	03/09/00	PCT			
	S	0	0	5	2	0	4	4	09/08/00	PCT			
	T	0	0	5	3	2	3	2	09/14/00	PCT			
	U	0	0	6	8	2	4	7	11/16/00	PCT			

EXAMINER

DATE CONSIDERED

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Filed:

LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT									ATTY. DOCKET NO. 24745-1607	SERIAL NO. 09/776,191							
									APPLICANT MADISON et al.								
									FILING DATE February 2, 2001	GROUP 1614							

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER								DATE	COUNTRY	CLASS	SUB CLASS	Translation Yes No
	V	0	0	7	8	9	6	1		12/28/00	PCT	A1		
	W	8	8	0	9	8	1	0		12/15/88	PCT			
	X	8	9	1	0	1	3	4		11/02/89	PCT			
	Y	9	0	1	1	3	6	4		10/04/90	PCT			
	Z	9	2	0	6	1	8	0		04/16/92	PCT			
	AA	9	2	2	0	3	1	6		11/26/92	PCT			
	AB	9	2	2	2	6	3	5		12/23/92	PCT			
	AC	9	3	1	4	1	8	8		07/22/93	PCT			
	AD	9	3	2	0	2	2	1		10/14/93	PCT			
	AE	9	4	0	8	5	9	8		04/28/94	PCT			
	AF	9	5	1	1	7	5	5		05/04/95	PCT			
	AG	9	5	3	4	3	2	6		12/21/95	PCT			

OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

AH	Abraham <i>et al.</i> , "Immunochemical Identification of the Serine Protease Inhibitor α_1 -Antichymotrypsin in the Brain Amyloid Deposits of Alzheimer's Disease", <i>Cell</i> , <u>52</u> :487-501; (1988)
AI	Alam <i>et al.</i> , "Reporter Genes: Application to the Study of Mammalian Gene Transcription", <i>Anal. Biochem.</i> , <u>188</u> :245-254; (1990)
AJ	Alonso <i>et al.</i> , "Effects of synthetic urokinase inhibitors on local invasion and metastasis in a murine mammary tumor model", <i>Breast Cancer Res. Treat.</i> , <u>40</u> :209-223; (1996)
AK	Appel <i>et al.</i> , "The <i>Drosophila</i> Stubble-stubbleoid gene encodes an apparent transmembrane serine protease required for epithelial morphogenesis", <i>Proc. Natl. Acad. Sci. U.S.A.</i> , <u>90</u> :4937-4941; (1993)
AL	Avery <i>et al.</i> , "Systemic Amiloride Inhibits Experimentally Induced Neovascularization", <i>Arch. Ophthalmol.</i> , <u>108</u> :1474-1476; (1990)

EXAMINER

DATE CONSIDERED

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Filed:

FORM PTO-1449 (Modified)		ATTY. DOCKET NO. 24745-1607	SERIAL NO. 09/776,191
LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT		APPLICANT MADISON et al.	
		FILING DATE February 2, 2001	GROUP 1614

OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

AM	Brains <i>et al.</i> , "Effects of LEX032, a novel recombinant serine protease inhibitor, on N ⁶ -nitro-L-arginine methyl ester induced leukocyte-endothelial cell", <i>Eur. J. Pharmacol.</i> , <u>356</u> :67-72; (1998)
AN	Baker <i>et al.</i> , "A Scintillation Proximity Assay for UDP-GaINAc:Polypeptide, N-Acetylgalactosaminyltransferase", <i>Anal. Biochem.</i> , <u>239</u> :20-24; (1996)
AO	Batra <i>et al.</i> , "Insertion of Constant Region Domains of Human IgG ₁ Into CD4-PE40 Increases Its Plasma Half-life", <i>Molecular Immunol.</i> , <u>30</u> (4):379-386; (1993)
AP	Baum <i>et al.</i> , "Development of a Scintillation Proximity Assay for Human Cytomegalovirus Protease Using ³³ Phosphorous", <i>Anal. Biochem.</i> , <u>237</u> :129-134; (1996)
AQ	Beck <i>et al.</i> , "Identification of Efficiently Cleaved Substrates for HIV-1 Protease Using a Phage Display Library and Use in Inhibitor Development", <i>Virology</i> , <u>274</u> (2):391-401; (2000)
AR	Berger <i>et al.</i> , "Structure of the mouse gene for the serine protease inhibitor neuroserpin (PI12)", <i>Gene</i> , <u>214</u> :25-33; (1998)
AS	Benoist <i>et al.</i> , "In vivo sequence requirements of the SV40 early promoter region", <i>Nature</i> , <u>290</u> :304-310; (1981)
AT	Billström <i>et al.</i> , "The Urokinase Inhibitor p-Aminobenzamidine Inhibits Growth of a Human Prostate Tumor in SCID Mice", <i>Int. J. Cancer</i> , <u>61</u> :542-547; (1995)
AU	Blanton <i>et al.</i> , "Characterization of a native and recombinant <i>Schistosoma haematobium</i> serine protease inhibitor gene product", <i>Mol. Biochem. Parasitol.</i> , <u>63</u> :1-11; (1994)
AV	Boesen <i>et al.</i> , "Circumvention of chemotherapy-induced myelosuppression by transfer of the <i>mdr1</i> gene", <u>6</u> :291-302; (1994)
A W	Bourinbaiar <i>et al.</i> , "Effect of Serine Protease Inhibitor, N- α -Tosyl-L-lysyl-Chloromethyl Ketone (TLCK), on Cell-Mediated and Cell-Free HIV-1 Spread", <i>Cell. Immuno.</i> , <u>155</u> :230-236; (1994)
AX	Bout <i>et al.</i> , "Lung Gene Therapy: In Vivo Adenovirus-Mediated Gene Transfer to Rhesus Monkey Airway Epithelium", <i>Human Gene Therapy</i> , <u>5</u> :3-10; (1994)
AY	Braunwalder <i>et al.</i> , "Application of Scintillating Microtiter Plates to Measure Phosphopeptide Interactions with the GRB2-SH2 Binding Domain", <i>J. Biomol. Screening</i> , <u>1</u> (1):23-26; (1996)
AZ	Brinster <i>et al.</i> , "Regulation of metallothionein-thymidine kinase fusion plasmids injected into mouse eggs", <i>Nature</i> , <u>296</u> :39-42; (1982)

EXAMINER	DATE CONSIDERED
----------	-----------------

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

FORM PTO-1449 (Modified)		ATTY. DOCKET NO. 24745-1607	SERIAL NO. 09/776,191
LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT		APPLICANT MADISON et al.	
		FILING DATE February 2, 2001	GROUP 1614

OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

BA	Brooks <i>et al.</i> , "Use of the 10-Day-Old Chick Embryo Model for Studying Angiogenesis", <i>Methods in Molecular Biology</i> , <u>129</u> :257-269; (1999)
BB	Capecci <i>et al.</i> , "Altering the Genome by Homologous Recombination", <i>Science</i> , <u>244</u> :1288-1292; (1989)
BC	Chait <i>et al.</i> , "Weighing Naked Proteins: Practical, High-Accuracy Mass Measurement of Peptides and Proteins", <i>Science</i> , <u>257</u> :1885-1894; (1992)
BD	Chen <i>et al.</i> , "IL-1 β Induces Serine Protease Inhibitor 3 (SPI-3) Gene Expression in Rat Pancreatic β -Cells. Detection by Differential display of Messenger RNA", <i>CYTOKINE</i> , <u>11</u> (11):856-862; (1999)
BE	Chen <i>et al.</i> , "Interaction of Phosphorylated Fc γ RI γ Immunoglobulin Receptor Tyrosine Activation Motif-based Peptides with Dual and Single SH2 Domains of p72 ^{syk} ", <i>J. Biol. Chem.</i> , <u>271</u> (41):25308-25315; (1996)
BF	Cline <i>et al.</i> , "Perspectives for Gene Therapy: Inserting New Genetic Information into Mammalian Cells by Physical Techniques and Viral Vectors", <i>Pharmac. Ther.</i> , <u>29</u> :69-92; (1985)
BG	Clowes <i>et al.</i> , "Long-Term Biological Response of Injured Rat Carotid Artery Seeded with Smooth Muscle Cells Expressing Retrovirally Introduced Human Genes", <i>J. Clin. Invest.</i> , <u>93</u> :644-651; (1994)
BH	Cole <i>et al.</i> , in <u>Monoclonal Antibodies and Cancer Therapy</u> , "The EBV-Hybridoma Technique and Its Application to Human Lung Cancer", <i>Alan R. Liss, Inc.</i> , pages 77-96; (1985)
BI	Coombs <i>et al.</i> , "Revisiting Catalysis by Chymotrypsin Family Serine Proteases Using Peptide Substrates and Inhibitors with Unnatural Main Chains", <i>J. Biol. Chem.</i> , <u>274</u> (34):24074-24074; (1999)
BJ	Coombs <i>et al.</i> , "Substrate specificity of prostate-specific antigen (PSA)", <i>Chem. Biol.</i> , <u>5</u> (9):475-488; (1998)
BK	Coombs <i>et al.</i> , "Directing Sequence-Specific Proteolysis to New Targets. The Influence Of Loop Size And Target Sequence Of Selective Proteolysis By Tissue-Type Plasminogen Activator And Urokinase-Type Plasminogen Activator", <i>J. Biol. Chem.</i> , <u>273</u> (8):4323-4328; (1998)
BL	Coombs <i>et al.</i> , "Distinct Mechanisms Contribute to Stringent Substrate Specificity of Tissue-type Plasminogen Activator", <i>J. Biol. Chem.</i> , <u>271</u> (8):4461-4467; (1996)

EXAMINER	DATE CONSIDERED
EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

FORM PTO-1449 (Modified)		ATTY. DOCKET NO. 24745-1607	SERIAL NO. 09/776,191
LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT		APPLICANT MADISON et al.	
		FILING DATE February 2, 2001	GROUP 1614

OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

BM	Cote <i>et al.</i> , "Generation of human monoclonal antibodies reactive with cellular antigens", <i>Proc. Natl. Acad. Sci. U.S.A.</i> , <u>80</u> :2026-2030; (1983)
BN	Cotten <i>et al.</i> , "Receptor-Mediated Transport of DNA into Eukaryotic Cells", <i>Meth. Enzymol.</i> , <u>218</u> :619-645; (1993)
BO	Crowley <i>et al.</i> , "Prevention of metastasis by inhibition of the urokinase receptor", <i>Proc. Natl. Acad. Sci. U.S.A.</i> , <u>90</u> :5021-5025; (1993)
BP	Cumber <i>et al.</i> , "Structural Features of the Antibody-A Chain Linkage that Influences the Activity and Stability of Ricin A Chain Immunotoxins", <i>Bioconj. Chem.</i> , <u>3</u> :397-401; (1992)
BQ	Cwirla <i>et al.</i> , "Peptides on phage: A vast library of peptides for identifying ligands", <i>Proc. Natl. Acad. Sci. U.S.A.</i> , <u>87</u> :6378-6382; (1990)
BR	Delaria <i>et al.</i> , "Characterization of Placental Bikunin, a Novel Human Serine Protease Inhibitor", <i>J. Biol. Chem.</i> , <u>272</u> (18):12209-12214; (1997)
BS	Dillon, "Regulating gene expression in gene therapy", <i>TIBTECH</i> , <u>11</u> (5):167-173; (1993)
BT	Ding <i>et al.</i> , "Origins of the specificity of tissue-type plasminogen activator", <i>Proc. Natl. Acad. Sci. U.S.A.</i> , <u>92</u> (17):7627-7631; (1995)
BU	Dodet, "Commercial prospects for gene therapy - a company survey", <i>TIBTECH</i> , <u>11</u> (5):182-189; (1993)
BV	Dower <i>et al.</i> , "The Search for Molecular Diversity (II): Recombinant and Synthetic Randomized Peptide Libraries", <i>An. Rep. Med. Chem.</i> , <u>26</u> :271-280; (1991)
BW	Dryjanski <i>et al.</i> , "N-Tosyl-L-phenylalanine Chloromethyl Ketone, a Serine Protease Inhibitor, Identifies Glutamate 398 at the Coenzyme-Binding Site of Human Aldehyde Dehydrogenase. Evidence for a Second "Naked Anion" at the Active Site", <i>Biochem.</i> , <u>37</u> (40):14151-14156; (1998)
BX	Dufer <i>et al.</i> , "Differential Effect of the Serine Protease Inhibitor Phenyl Methyl Sulfonyl Fluoride on Cytochemically Detectable Esterases in Human Leucocytes and Platelets", <i>Scand. J. Haematol.</i> , <u>32</u> (1):25-32; (1984)
BY	Dzau <i>et al.</i> , "Gene therapy for cardiovascular disease", <i>TIBTECH</i> , <u>11</u> (5):205-210; (1993)
BZ	Eck <i>et al.</i> , "Structure of TNF- α : Implications for Receptor Binding", <i>J. Biol. Chem.</i> , <u>26</u> :17605; (1989)

EXAMINER	DATE CONSIDERED
EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

FORM PTO-1449 (Modified)		ATTY. DOCKET NO. 24745-1607	SERIAL NO. 09/776,191
LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT		APPLICANT MADISON et al.	
		FILING DATE February 2, 2001	GROUP 1614

OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

	CA	Edwards <i>et al.</i> , "Inhibition of elastase by a synthetic cotton-bound serine protease inhibitor: in vitro kinetics and inhibitor release", <i>Wound Repair Regen.</i> , <u>7</u> (2):106-118; (1999)
	CB	Erickson <i>et al.</i> , "Design, Activity, and 2.8 Å Crystal Structure of a C ₂ Symmetric Inhibitor Complexed to HIV-1 Protease", <i>Science</i> , <u>249</u> :527-533; (1990)
	CC	Evans <i>et al.</i> , "Design of Nonpeptidal Ligands for a Peptide Receptor: Cholecystokinin Antagonists", <i>J. Med. Chem.</i> , <u>30</u> :1229-1239; (1987)
	CD	Farley <i>et al.</i> , "Cloning and sequence analysis of rat hepsin, a cell surface serine proteinase", <i>BioChem. Biophys. Acta</i> , <u>1173</u> :350-352; (1993)
	CE	Fattom <i>et al.</i> , "Comparative Immunogenicity of Conjugates Composed of the <i>Staphylococcus aureus</i> Type 8 Capsular Polysaccharide Bound to Carrier Proteins by Adipic Acid Dihydrazide or N-Succinimidyl-3-(2-Pyridylthio)propionate", <i>Infection & Immun.</i> , <u>60</u> (1):584-589; (1992)
	CF	Fauchere, "Elements for the Rational Design of Peptide Drugs", <i>Adv. Drug Res.</i> , <u>15</u> :29-69; (1986)
	CG	Fay <i>et al.</i> , "Platelets inhibit fibrinolysis in vitro by both plasminogen activator inhibitor dependent and -independent mechanisms", <i>Blood</i> , <u>83</u> (2):351-356; (1994)
	CH	Feinstein <i>et al.</i> , "Thrombin, Collagen and A23187 Stimulated Endogenous Platelet Arachidonate Metabolism: Differential Inhibition by PGE ₁ , Local Anesthetics and a Serine-Protease Inhibitor", <i>Prostaglandins</i> , <u>14</u> (6):1075-1093; (1977)
	CI	Findeis <i>et al.</i> , "Targeted delivery of DNA for gene therapy via receptors", <i>TIBTECH</i> , <u>11</u> (5):202-205; (1993)
	CJ	Forney <i>et al.</i> , "Interaction of the human Serine Protease Inhibitor α -1-Antitrypsin with <i>Cryptosporidium Parvum</i> ", <i>J. Parasitol.</i> , <u>82</u> (3):496-502; (1996)
	CK	Friedmann <i>et al.</i> , "Gene Therapy for disorders of the nervous system", <i>TIBTECH</i> , <u>11</u> (5):192-197; (1993)
	CL	Fujise <i>et al.</i> , "A tissue plasminogen activator/P-selectin fusion protein is an effective thrombolytic agent", <i>Circulation</i> , <u>95</u> (3):715-722; (1997)
	CM	Gante, "Peptidomimetics-tailored Enzyme Inhibitors", <i>Angew. Chem. Int. Ed. Engl.</i> , <u>33</u> :1699-1720; (1994)

EXAMINER	DATE CONSIDERED
----------	-----------------

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

FORM PTO-1449 (Modified)		ATTY. DOCKET NO. 24745-1607	SERIAL NO. 09/776,191
LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT		APPLICANT MADISON et al.	
		FILING DATE February 2, 2001	GROUP 1614

OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

	CN	Gautier <i>et al.</i> , " α -DNA IV: α -anomeric and β -anomeric tetrathymidylates covalently linked to intercalating oxazolopyridocarbazole. Synthesis, physicochemical properties and poly (rA) binding", <i>Nucl. Acids Res.</i> , <u>15</u> :6625-6641; (1987)
	CO	Gething <i>et al.</i> , "Variants of human tissue-type plasminogen activator that lack specific structural domains of the heavy chain", <i>EMBO J.</i> , <u>7</u> (9):2731-2740; (1988)
	CP	Ghendler <i>et al.</i> , "Schistosoma mansoni: Isolation and Characterization of SmPi56, a Novel Serine Protease Inhibitor", <i>Exp. Parasitol.</i> , <u>78</u> :121-131; (1994)
	CQ	Goldmacher <i>et al.</i> , "Photoactivation of "Toxin Conjugates", <i>Bioconj. Chem.</i> , <u>3</u> :104-107; (1992)
	CR	Goldspiel <i>et al.</i> , "Human gene therapy", <i>Clinical Frontiers, Clinical Pharmacy</i> , <u>12</u> :488-505; (1993)
	CS	Gonzalez <i>et al.</i> , "Voltage Sensing by Fluorescence Resonance Energy Transfer in Single Cells", <i>Biophys. J.</i> , <u>69</u> :1272-1280; (1995)
	CT	Grossman <i>et al.</i> , "Retroviruses: delivery vehicle to the liver", <i>Curr. Opin. in Genetics and Devel.</i> , <u>3</u> :110-114; (1993)
	CU	Hamdaoui <i>et al.</i> , "Purification of a Novel, Heat-Stable Serine Protease Inhibitor Protein from Ovaries of the Desert Locust, <i>Schistocerca gregaria</i> ", <i>Biochem. Biophys. Res. Commun.</i> , <u>238</u> :357-360; (1997)
	CV	Hameed <i>et al.</i> , "3,4-Dichloroisocoumarin Serine Protease Inhibitor Induces DNA Fragmentation and Apoptosis in susceptible Target Cells", <i>DCI AND APOPTOSIS, Proc. Soc. Exp. Biol. Med.</i> , <u>219</u> (2):132-137; (1998)
	C W	Harper <i>et al.</i> , "Reaction of Serine Proteases with Substituted Isocoumarins: Discovery of 3,4-Dichloroisocoumarin, a New General Mechanism Based Serine Protease Inhibitor" <i>Biochem.</i> , <u>24</u> :1831-1841; (1985)
	CX	Hazum <i>et al.</i> , "A Photocleavable Protecting Group for the Thiol Function of Cysteine", Department of Organic Chemistry, The Weizmann Institute of Science Rehovot, Israel, <i>Pept., Proc. Eur. Pept. Symp.</i> , 16th, Brunfeldt, K (Ed), pages 105-110; (1981)
	CY	Hervio <i>et al.</i> , "Negative selectivity and the evolution of protease cascades: the specificity of plasmin for peptide and protein substrates", <i>Chem. Biol.</i> , <u>7</u> (6):443-453; (2000)
	CZ	Hesse <i>et al.</i> , "Effects of the Serine Protease Inhibitor Gabexate Mesilate on Purified Pancreatic Phospholipase A ₂ ", <i>Pharmacol. Res. Commun.</i> , <u>16</u> (7):637-645; (1984)

EXAMINER

DATE CONSIDERED

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT	ATTY. DOCKET NO. 24745-1607	SERIAL NO. 09/776,191
	APPLICANT MADISON et al.	
	FILING DATE February 2, 2001	GROUP 1614

OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

	DA	Hill <i>et al.</i> , "A new intracellular serine protease inhibitor expressed in the rat pituitary gland complexes with granzyme B", <i>FEBS Lett.</i> , <u>440</u> :361-364; (1998)
	DB	Hiwasa <i>et al.</i> , "Potent growth-suppressive activity of a serine protease inhibitor, ONO-3403, toward malignant human neuroblastoma cell lines", <i>Cancer Lett.</i> , <u>126</u> :221-225; (1998)
	DC	Holmes, "Primary Structure of Human α_2 -Antiplasmin, a serine Protease Inhibitor (Serpine)", <i>J. Biol. Chem.</i> , <u>262</u> (4):1659-1664; (1987)
	DD	Holstein <i>et al.</i> , "The primitive metazoan <i>Hydra</i> expresses antistasin, a serine protease inhibitor of vertebrate blood coagulation: cDNA cloning, cellular localisation and developmental regulation", <i>FEBS Lett.</i> , <u>309</u> (3):288-292; (1992)
	DE	Hooper <i>et al.</i> , "Type II Transmembrane Serine Proteases", <i>J. Biol. Chem.</i> , <u>276</u> :857-860; (2001)
	DF	Houenou <i>et al.</i> , "A serine protease inhibitor, protease nexin I, rescues motoneurons from naturally occurring and axotomy-induced cell death", <i>Proc. Natl. Acad. Sci. U.S.A.</i> , <u>92</u> :895-899; (1995)
	DG	Hruby <i>et al.</i> , "Emerging approaches in the molecular design of receptor-selective peptide ligands: conformational, topographical and dynamic considerations", <i>Biochem J.</i> , <u>268</u> :249-262; (1990)
	DH	Huang <i>et al.</i> , "Serine protease inhibitor TPCK prevents Taxol-induced cell death and blocks c-Raf-1 and Bcl-2 phosphorylation in human breast carcinoma cells", <i>Oncogene</i> , <u>18</u> :3431-3439; (1999)
	DI	Huse <i>et al.</i> , "Generation of a Large Combinatorial Library of the Immunoglobulin Repertoire in Phage Lambda", <i>Science</i> , <u>246</u> :1275-1281; (1989)
	DJ	Huston <i>et al.</i> , "Protein engineering of antibody binding sites: Recovery of specific activity in an anti-digoxin single-chain Fv analogue produced in <i>Escherichia coli</i> ", <i>Proc. Natl. Acad. Sci. U.S.A.</i> <u>85</u> :5879-5883; (1988)
	DK	Iijima <i>et al.</i> , "Stage-Specific Inhibition of <i>Xenopus</i> Embryogenesis by Aprotinin, a Serine Protease Inhibitor", <i>J. Biochem. (Tokyo)</i> , <u>126</u> :912-916; (1999)
	DL	Inoue <i>et al.</i> , "Sequence-dependent hydrolysis of RNA using modified oligonucleotide splints and RNase H", <i>FEBS Lett.</i> <u>215</u> (2):327-330; (1987)
	DM	Inoue <i>et al.</i> , "Synthesis and hybridization studies on two complementary nona(2'-O-methyl)ribonucleotides", <i>Nucl. Acids Res.</i> <u>15</u> (15):6131-6148; (1987)

EXAMINER

DATE CONSIDERED

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

FORM PTO-1449 (Modified)		ATTY. DOCKET NO. 24745-1607	SERIAL NO. 09/776,191
LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT		APPLICANT MADISON et al.	
		FILING DATE February 2, 2001	GROUP 1614

OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

	DN	Jacquinet <i>et al.</i> "Cloning, genomic organization, chromosomal assignment and expression of a novel mosaic serine proteinase: epitheliasin", <i>FEBS Lett.</i> , <u>468</u> :93-100; (2000)
	DO	Jameson <i>et al.</i> , "Fluorescence Anisotropy Applied to Biomolecular Interactions", <i>Methods Enzymol.</i> , <u>246</u> :283-300; (1995)
	DP	Jankun <i>et al.</i> , "Inhibitors of Urokinase Reduce Size of Prostate Cancer Xenografts in Severe Combined Immunodeficient Mice", <i>Canc. Res.</i> , <u>57</u> :559-563; (1997)
	DQ	Jessop <i>et al.</i> , "Effects of Serine Protease Inhibitor, Tame, on IL-1 β in LPS-Stimulated Human Monocytes: Relationship Between Synthesis and Release of a 33-kDa Precursor and the 17-kDa Biologically Active Species", <i>Inflammation</i> , <u>17</u> (5):613-631; (1993)
	DR	Ji <i>et al.</i> , "Two-dimensional electrophoretic analysis of proteins expressed by normal and cancerous human crypts: Application of mass spectrometry to peptide-mass fingerprinting", <i>Electrophoresis</i> , <u>15</u> :391-405; (1994)
	DS	Jolley, "Fluorescence Polarization Assays for the Detection of Proteases and Their Inhibitors", <i>J. Biomol. Screening</i> , <u>1</u> (1):33-38; (1996)
	DT	Kalaria <i>et al.</i> , "Serine Protease Inhibitor Antithrombin III and Its Messenger RNA in the Pathogenesis of alzheimer's Disease", <i>Am. J. Pathol.</i> , <u>143</u> (3):886-893; (1993)
	DU	Kaminogo <i>et al.</i> , "Combination of Serine Protease Inhibitor FUT-175 and Thromboxane Synthetase Inhibitor OKY-046 Decreases Cerebral Vasospasm in Patients with Subarachnoid Hemorrhage", <i>Neurol. Med. Chir. (Tokyo)</i> , <u>38</u> :704-709; (1998)
	DV	Kawaguchi <i>et al.</i> , "Purification and Cloning of hepatocyte Growth Factor Activator Inhibitor Type 2, a Kunitz-type serine Protease Inhibitor", <i>J. Biol. Chem.</i> , <u>272</u> (44):27558-27564; (1997)
	D W	Ke <i>et al.</i> , "Distinguishing the Specificities of Closely Related Proteases. Role of P3 In Substrate And Inhibitor Discrimination Between Tissue-type Plasminogen Activator And Urokinase", <i>J. Biol. Chem.</i> , <u>272</u> (26):16603-16609; (1997)
	DX	Ke <i>et al.</i> , "Rapid and efficient site-directed mutagenesis by single-tube 'megaprimer' PCR method", <i>Nucl. Acids Res.</i> , <u>25</u> (16):3371-13372; (1997)
	DY	Ke <i>et al.</i> , "Identification of a Hydrophobic Exosite on Tissue Type Plasminogen Activator That Modulates Specificity for Plasminogen", <i>J. Biol. Chem.</i> , <u>272</u> (3):1811-1816; (1997)
	DZ	Ke <i>et al.</i> , "Optimal Subsite Occupancy and Design of a Selective Inhibitor of Urokinase", <i>J. Biol. Chem.</i> , <u>272</u> (33):20456-20462; (1997)

EXAMINER

DATE CONSIDERED

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

FORM PTO-1449 (Modified)		ATTY. DOCKET NO. 24745-1607	SERIAL NO. 09/776,191
LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT		APPLICANT MADISON et al.	
		FILING DATE February 2, 2001	GROUP 1614

OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

EA	Kiem <i>et al.</i> , "Retrovirus-Mediated Gene Transduction Into Canine Peripheral Blood Repopulating Cells", <i>Blood</i> <u>83</u> (6):1467-1473; (1994)
EB	Kim <i>et al.</i> "Cloning and chromosomal mapping of a gene isolated from thymic stromal cells encoding a new mouse type II membrane serine protease, epithin, containing four LDL receptor modules and two CUB", <i>Immunogenetics</i> , <u>49</u> :420-428; (1999)
EC	Kim <i>et al.</i> , "A Cysteine-Rich Serine Protease Inhibitor (Guamerin II) from the Non-Blood Sucking Leech <i>Whitmania Edentula</i> : Biochemical Characterization and Amino Acid Sequence Analysis", <i>J. Enzym. Inhib.</i> , <u>10</u> :81-91; (1996)
ED	Kitamoto <i>et al.</i> , "Enterokinase, the initiator of intestinal digestion, is a mosaic protease composed of a distinctive assortment of domains", <i>Proc. Natl. Acad. Sci. U.S.A.</i> , <u>91</u> :7588-7592; (1994)
EE	Kitamoto <i>et al.</i> , "cDNA Sequence and Chromosomal Localization of Human Enterokinase, the Proteolytic of Trypsinogen", <i>Biochem.</i> , <u>34</u> (14):4562-4568; (1995)
EF	Kobayashi <i>et al.</i> , "Inhibition of Metastasis of Lewis Lung Carcinoma by a Synthetic Peptide within Growth Factor-like Domain of Urokinase in the Experimental and Spontaneous Metastasis Model", <i>Int. J. Canc.</i> , <u>57</u> :727-733; (1994)
EG	Köhler <i>et al.</i> , "Continuous cultures of fused cells secreting antibody of predefined specificity", <i>Nature</i> , <u>526</u> :495-497; (1975)
EH	Koller <i>et al.</i> , "Inactivating the β_2 -microglobulin locus in mouse embryonic stem cells by homologous recombination", <i>Proc. Natl. Acad. Sci. USA</i> <u>86</u> :8932-8935; (1989)
EI	Kozak, "Structural Features in Eukaryotic mRNAs That Modulate the Initiation of Translation", <i>J. Biol. Chem.</i> , <u>266</u> (30):19867-19870; (1991)
EJ	Kozarsky <i>et al.</i> , "Gene therapy: adenovirus vectors", <i>Genetics and Development</i> , <u>3</u> :499-503; (1993)
EK	Kozbor <i>et al.</i> , "The production of monoclonal antibodies from human lymphocytes", <i>Immunology Today</i> <u>4</u> (3):72-79; (1983)
EL	Ladurner <i>et al.</i> , "Glutamine, Alanine or Glycine Repeats Inserted into the Loop of a Protein Have Minimal Effects on Stability and Folding Rate", <i>J. Mol. Biol.</i> , <u>273</u> :330-337; (1997)
EM	Le Cam <i>et al.</i> , "Growth Hormone-Mediated Transcriptional Activation of the Rat Serine Protease Inhibitor 2.1 Gene Involves Both Interleukin-1 β -Sensitive and -Insensitive Pathways", <i>Biochem. Biophys. Res. Commun.</i> , <u>253</u> (2):311-314; (1998)

EXAMINER	DATE CONSIDERED
EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

FORM PTO-1449 (Modified)		ATTY. DOCKET NO. 24745-1607	SERIAL NO. 09/776,191
LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT		APPLICANT MADISON et al.	
		FILING DATE February 2, 2001	GROUP 1614

OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

	EN	Lee <i>et al.</i> , "Activation of Hepatocyte Growth Factor and Urokinase/Plasminogen Activator by Matriptase, an Epithelial Membrane Serine Protease", <i>J. Biol. Chem.</i> , <u>275</u> (47):36720-36725; (2000)
	EO	Lemaitre <i>et al.</i> , "Specific antiviral activity of a poly(L-lysine)-conjugated oligodeoxyribonucleotide sequence complementary to vesicular stomatitis virus N protein mRNA initiation site", <i>Proc. Natl. Acad. Sci. U.S.A.</i> , <u>84</u> :648-652; (1987)
	EP	Lerner <i>et al.</i> , "High Throughput Screen for Inhibitors of Bacterial DNA Topoisomerase I Using the Scintillation Proximity Assay", <i>J. Biomol. Screening</i> , <u>1</u> (3):135-143; (1996)
	EQ	Letsinger <i>et al.</i> , "Cholesteryl-conjugated oligonucleotides: Synthesis, properties, and activity as inhibitors of replication of human immunodeficiency virus in cell culture", <i>Proc. Natl. Acad. Sci. U.S.A.</i> , <u>86</u> :6553-6556; (1989)
	ER	Leytus <i>et al.</i> , "A Novel Trypsin-like Serine Protease (Hepsin) with a Putative Transmembrane domain Expressed by Human Liver and Hepatoma Cells", <i>Biochem.</i> , <u>27</u> :1067-1074; (1988)
	ES	Lin <i>et al.</i> , "Molecular Cloning of cDNA for Matriptase, a Matrix-degrading Serine Protease with Trypsin-like Activity", <i>J. Biol. Chem.</i> , <u>274</u> (26):18231-18236; (1999)
	ET	Lin <i>et al.</i> , "Purification and Characterization of a Complex Containing Matriptase and a Kunitz-type Serine Protease Inhibitor from Human Milk", <i>J. Biol. Chem.</i> , <u>274</u> (26):18237-18242; (1999)
	EU	Lin <i>et al.</i> , "Characterization of a Novel, Membrane-bound, 80-kDa Matrix-degrading Protease from Human Breast Cancer Cells", <i>J. Biol. Chem.</i> , <u>272</u> (14):9147-9152; (1997)
	EV	Lindmark <i>et al.</i> , "Pulmonary Function in Middle-aged Women with Heterozygous Deficiency of the Serine Protease Inhibitor Alpha-antichymotrypsin", <i>Am. Rev. Respir. Des.</i> , <u>141</u> :884-888; (1990)
	EW	Liu <i>et al.</i> , "Identification of a Novel Serine Protease-like Gene, the Expression of Which Is Down-Regulated during Breast Cancer Progression", <i>Cancer Res.</i> , <u>56</u> :3371-3379 (1996)
	EX	Liu <i>et al.</i> , "Matrix Localization of Tissue Factor Pathway Inhibitor-2/Matrix-Associated Serine Protease Inhibitor (TFPI-2/MSPI) Involves Arginine-Mediated Ionic Interactions with Heparin and Dermatan Sulfate: Heparin Accelerates the Activity of TFPI-2/MSPI toward Plasmin", <i>Arch. Biochem. Biophys.</i> , <u>370</u> (1):112-118; (1999)
	EY	Loeffler <i>et al.</i> , "Gene Transfer into Primary and Established Mammalian Cell Lines with Lipopolyamine-Coated DNA", <i>Meth. Enzymol.</i> , <u>217</u> :599-618; (1993)

EXAMINER

DATE CONSIDERED

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

FORM PTO-1449 (Modified)		ATTY. DOCKET NO. 24745-1607	SERIAL NO. 09/776,191
LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT		APPLICANT MADISON et al.	
		FILING DATE February 2, 2001	GROUP 1614

OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

EZ	Lundqvist <i>et al.</i> , Original Research Papers, "The serine protease inhibitor diisopropylfluorophosphate inhibits neutrophil NADPH-oxidase activity induced by the calcium ionophore ionomycin and serum opsonised yeast particles", <i>Inflamm. Res.</i> , <u>44</u> (12):510-517; (1995)
FA	Luthman <i>et al.</i> , "Peptides and Peptidomimetics", Book: <u>A Textbook of Drug Design and Development</u> , 2nd Ed., Harwood Academic Publishers, <u>14</u> :386-406; (1996)
FB	Lynch <i>et al.</i> , "A Fluorescence Polarization Based Src-SH2 Binding Assay", <i>Anal. Biochem.</i> , <u>247</u> :77-82; (1997)
FC	Maake <i>et al.</i> , "The Growth Hormone Dependent Serine Protease Inhibitor, Spi 2.1 Inhibits the Des (1-3) Insulin-Like Growth Factor-I Generating Protease", <i>Endocrinology</i> , <u>138</u> (12):5630-5636; (1997)
FD	Madison E.L., "Substrate Specificity of Tissue Type Plasminogen Activator", <i>Adv. Exp. Med. Biol.</i> , <u>425</u> :109-121; (1997)
FE	Madison <i>et al.</i> , "Substrate Specificity of Tissue Type Plasminogen Activator. Characterization Of The Fibrin Independent Specificity Of t-PA For Plasminogen", <i>J. Biol. Chem.</i> , <u>270</u> (13):7558-7562; (1995)
FF	Madison E.L., "Studies of Serpins Unfold at a Feverish Pace", <i>J. Clin. Invest.</i> , <u>94</u> (6):2174-2175; (1994)
FG	Madison <i>et al.</i> , "Converting Tissue Plasminogen Activator to a Zymogen: A Regulatory Triad of ASP-His-Ser", <i>Science</i> , <u>262</u> (5132):409-421; (1993)
FH	Madison, E.L., "Probing Structure/Function Relationships of Tissue-type Plasminogen Activator by Site Specific Mutagenesis", <i>Fibrinolysis</i> , <u>81</u> (Suppl. 1):221-236; (1994)
FI	Madison <i>et al.</i> , "Probing Structure-Function Relationships of Tissue-Type Plasminogen Activator by Oligonucleotide-Mediated Site-Specific Mutagenesis", <i>Methods Enzymol.</i> , <u>223</u> :249-271; (1993)
FJ	Madison <i>et al.</i> , "A vector, pSHT, for the expression and secretion of protein domains in mammalian cells", <i>Gene</i> , <u>121</u> (1):179-180; (1992)
FK	Madison <i>et al.</i> , "Restoration of Serine Protease-Inhibitor Interaction by Protein Engineering", <i>J. Biol. Chem.</i> , <u>265</u> (35):21423-21426; (1990)
FL	Madison <i>et al.</i> , "Amino acid residues that affect interaction of tissue-type plasminogen activator with plasminogen activator inhibitor 1", <i>Proc. Natl. Acad. Sci. U.S.A.</i> , <u>87</u> (9):3530-3533; (1990)

EXAMINER	DATE CONSIDERED
EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

FORM PTO-1449 (Modified)		ATTY. DOCKET NO. 24745-1607	SERIAL NO. 09/776,191
LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT		APPLICANT MADISON et al.	
		FILING DATE February 2, 2001	GROUP 1614

OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

	FM	Madison <i>et al.</i> , "Serpine-resistant mutants of human tissue type plasminogen activator", <i>Nature</i> , <u>339</u> (6227):721-724; (1989)
	FN	Marlor <i>et al.</i> , "Identification and Cloning of Human Placental Bikunin, a Novel Serine Protease Inhibitor Containing Two Kunitz Domains", <i>J. Biol. Chem.</i> , <u>272</u> (18):12202-12208; (1997)
	FO	Mastrangeli <i>et al.</i> , "Diversity of Airway Epithelial Cell Targets for In Vivo Recombinant Adenovirus-mediated Gene Transfer", <i>J. Clin. Invest.</i> <u>91</u> :225-234; (1993)
	FP	Matrisian <i>et al.</i> , "Stromelysin/transin and tumor progression", <i>Cancer Biol.</i> , <u>1</u> :107-115; (1990)
	FQ	Matsushima <i>et al.</i> , "Structural Characterization of Porcine Enteropeptidase", <i>J. Biol. Chem.</i> , <u>269</u> (31):19976-19982; (1994)
	FR	McDonald, "Thrombopoietin. Its Biology, clinical Aspects, and Possibilities", <i>Am. J. of Pediatric Hematology/Oncology</i> , <u>14</u> (1):8-21; (1992)
	FS	Mc Donnell <i>et al.</i> , "Stromelysin in tumor progression and metastasis", <i>Cancer and Metastasis Reviews</i> , <u>9</u> :305-319; (1990)
	FT	McPhalen <i>et al.</i> , "Preliminary Crystallographic Data for the Serine Protease Inhibitor CI-2 from Barley Seeds", <i>J. Mol. Biol.</i> , <u>168</u> :445-447; (1983)
	FU	Mellgren <i>et al.</i> , "The Influence of a Serine Protease Inhibitor, Nafamostat Mesilate, on Plasma Coagulation, and Platelet Activation during Experimental Extracorporeal Life Support (ECLS)", <i>Thromb. Haemost.</i> , <u>79</u> :342-347; (1998)
	FV	Miller <i>et al.</i> , "Use of Retroviral Vectors for Gene Transfer and Expression", <i>Meth. Enzymol.</i> <u>217</u> :581-599; (1993)
	FW	Min <i>et al.</i> , "Urokinase Receptor Antagonists Inhibit Angiogenesis and Primary Tumor Growth in Syngeneic Mice", <i>Canc. Res.</i> , <u>56</u> :2428-2433; (1996)
	FX	Mitani <i>et al.</i> , "Delivering therapeutic genes - matching approach and application", <i>TIBTECH</i> , <u>11</u> (5):162-166; (1993)
	FY	Modha <i>et al.</i> , "An association between schistosomes and contrapsin, a mouse serine protease inhibitor (serpin)", <i>Parasitology</i> , <u>96</u> :99-109; (1988)
	FZ	Monfardini <i>et al.</i> , "A Branched Monomethoxypoly(ethylene glycol) for Protein Modification", <i>Bioconjugate Chem.</i> , <u>6</u> (1):62-69; (1995)
	GA	Morgan <i>et al.</i> , "Human Gene Therapy", <i>Annu. Rev. Biochem.</i> , <u>62</u> :191-217; (1993)

EXAMINER

DATE CONSIDERED

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

FORM PTO-1449 (Modified)		ATTY. DOCKET NO. 24745-1607	SERIAL NO. 09/776,191
LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT		APPLICANT MADISON et al.	
		FILING DATE February 2, 2001	GROUP 1614

OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

	GB	Morgan <i>et al.</i> , "Approaches to the Discovery of Non-Peptide Ligands for Peptide receptors and Peptidases", Book: <u>Annu. Rep. Med. Chem.</u> , Chapter 26, Section VI, <u>24</u> :243-252; (1989)
	GC	Morrison <i>et al.</i> , "Chimeric human antibody molecules: Mouse antigen-binding domains with human constant region domains", <u>Proc. Natl. Acad. Sci. USA</u> , <u>81</u> :6851-6855; (1984)
	GD	Moser <i>et al.</i> , "Bdellastasin, a serine protease inhibitor of the antistasin family from the medical leech (<i>Hirudo medicinalis</i>)", <u>Eur. J. Biochem.</u> , <u>253</u> :212-220; (1998)
	GE	Mulligan, "The Basic Science of Gene Therapy", <u>Science</u> , <u>260</u> :926-932; (1993)
	GF	Nabel <i>et al.</i> , "Direct gene transfer for immunotherapy and immunization", <u>TIBTECH</u> , <u>11</u> (5):211-215; (1993)
	GG	Nakabo <i>et al.</i> , "Lysis of leukemic cells by human macrophages: inhibition by 4-(2-aminoethyl)-benzenesulfonyl fluoride (AEBSF), a serine protease inhibitor", <u>J. Leukoc. Biol.</u> , <u>60</u> :328-336; (1996)
	GH	Neuberger <i>et al.</i> , "Recombinant antibodies possessing novel effector functions", <u>Nature</u> , <u>312</u> :604-608; (1984)
	GI	Newton <i>et al.</i> , "Angiogenin Single-Chain Immunofusions: Influence of Peptide Linkers and Spacers between Fusion Protein Domains", <u>Biochemistry</u> , <u>35</u> :545-553; (1996)
	GJ	Niimi <i>et al.</i> , "A <i>Drosophila</i> gene encoding multiple splice variants of Kazal-type serine protease inhibitor-like proteins with potential destinations of mitochondria, cytosol and the secretory pathway", <u>Eur. J. Biochem.</u> , <u>266</u> :282-292; (1999)
	GK	Nogradi, "Pro-Drugs and Soft Drugs", Book: <u>Medicinal Chemistry A Biochemical Approach</u> , Oxford University Press, NY, pages 388-392; (1985)
	GL	Ohkoshi <i>et al.</i> , "Effects of Serine Protease Inhibitor FOY-305 and Heparin on the Growth of Squamous Cell Carcinoma", <u>Anticancer Res.</u> , <u>13</u> :963-966; (1993)
	GM	O'Reilly, "The preclinical evaluation of angiogenesis inhibitors", <u>Investigational New Drugs</u> , <u>15</u> :5-13; (1997)
	GN	Orth <i>et al.</i> , "Complexes of tissue-type plasminogen activator and its serpin inhibitor plasminogen-activator inhibitor type 1 are internalized by means of the low density lipoprotein receptor-related protein/ α_2 -macroglobulin receptor", <u>Proc. Natl. Acad. Sci. U.S.A.</u> , <u>89</u> (16):7422-7426; (1992)

EXAMINER	DATE CONSIDERED
EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

FORM PTO-1449 (Modified)		ATTY. DOCKET NO. 24745-1607	SERIAL NO. 09/776,191
LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT		APPLICANT MADISON et al.	
		FILING DATE February 2, 2001	GROUP 1614

OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

GO	Ossowski, "In Vivo Invasion of Modified Chorioallantoic Membrane by Tumor Cells: the Role of Cell Surface-bound Urokinase", <i>J. Cell Biol.</i> , <u>107</u> (6, Pt. 1):2437-2445; (1988)
GP	Osterwalder et al., "Neuroserpin, an axonally secreted serine protease inhibitor", <i>EMBO J.</i> , <u>15</u> (12):2944-2953; (1996)
GQ	Palencia et al., "Determination of Activable Proacrosin/Acrosin in Bovine Sperm Using an Irreversible Isocoumarin Serine Protease Inhibitor", <i>Biol. Reprod.</i> , <u>55</u> :536-542; (1996)
GR	Paoloni-Giacobino, "Cloning the TMPRSS2 Gene, Which Encodes a Novel Serine Protease with Transmembrane, LDLRA, and SRCR Domains and Maps to 21q22.3", et al., <i>Genomics</i> , <u>44</u> :309-320; (1997)
GS	Parodi et al., "Gabexate Mesilate, A New Synthetic Serine Protease Inhibitor: A Pilot Clinical Trial in Valvular Heart Surgery", <i>J. Cardiothorac. Vasc. Anesth.</i> , <u>10</u> (2):235-237; (1996)
GT	Paul et al., "Characterization of three transcriptional repressor sites within the 3' untranslated region of the rat serine protease inhibitor 2.3 gene", <i>Eur. J. Biochem.</i> , <u>254</u> (3):538-546; (1998)
GU	Porteous et al., "How relevant are mouse models for human diseases to somatic gene therapy", <i>TIBTECH</i> , <u>11</u> (5):173-181; (1993)
GV	Rabbani et al., "Prevention of Prostate-cancer Metastasis <i>In Vivo</i> by a Novel Synthetic Inhibitor of Urokinase-type Plasminogen Activator (uPA)", <i>Int. J. Cancer</i> , <u>63</u> :840-845; (1995)
G W	Rao et al., "Extracellular Matrix-Associated Serine Protease Inhibitors (M, 33,000, and 27,000) Are Single-Gene Products with Differential Glycosylation: cDNA Cloning of the 33-kDa Inhibitor Reveals Its Identity to Tissue Factor Pathway Inhibitor-2", <i>Arch. Biochem. Biophys.</i> , <u>335</u> (1):82-92; (1996)
GX	Rao et al., "HT-1080 Fibrosarcoma Cell Matrix Degradation and Invasion are Inhibited by the Matrix-Associated Serine Protease Inhibitor TFPI-2/33 kDa MSPI", <i>Int. J. Cancer</i> , <u>76</u> :749-756; (1998)
GY	Ravichandran et al., "Cryocrystallography of a Kunitz-type serine protease inhibitor: the 90 K structure of winged bean chymotrypsin inhibitor (WCI) at 2.13 Å resolution", <i>Acta Cryst.</i> , <u>D55</u> :1814-1821; (1999)
GZ	Rizo et al., "Constrained Peptides: Models of Bioactive Peptides and Protein Substructures", <i>An. Rev. Biochem.</i> , <u>61</u> :387-418; (1992)

EXAMINER	DATE CONSIDERED
EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

FORM PTO-1449 (Modified)		ATTY. DOCKET NO. 24745-1607	SERIAL NO. 09/776,191
LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT		APPLICANT MADISON et al.	
		FILING DATE February 2, 2001	GROUP 1614

OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

	HA	Robinson, "Gene therapy - proceeding from laboratory to clinic", <i>TIBTECH</i> , <u>11</u> (5):155-159; (1993)
	HB	Roch <i>et al.</i> , "Characterization of a 14 kDa Plant-related Serine Protease Inhibitor and Regulation of Cytotoxic Activity in Earthworm Coelomic Fluid", <i>Dev. Comp. Immunol.</i> , <u>22</u> (1):1-12; (1998)
	HC	Rosenfeld <i>et al.</i> , "In Vivo Transfer of the Human Cystic Fibrosis Transmembrane Conductance Regulator Gene to the Airway Epithelium", <i>Cell</i> , <u>68</u> :143-155; (1992)
	HD	Rosenfeld <i>et al.</i> , "Adenovirus-mediated Transfer of a Recombinant α 1-Antitrypsin Gene to the Lung Epithelium in Vivo", <i>Science</i> , <u>252</u> :431-434; (1991)
	HE	Rusbridge <i>et al.</i> , "3,4-Dichloroisocoumarin, a serine protease inhibitor, inactivates glycogen phosphorylase b", <i>FEBS Lett.</i> , <u>268</u> (1):133-136; (1990)
	HF	Ryo <i>et al.</i> , "Treatment of Post-Transfusion Graft-versus-Host Disease with Nafmostat Mesilate, a Serine Protease Inhibitor", <i>Vox Sang.</i> , <u>76</u> :241-246; (1999)
	HG	Salmons <i>et al.</i> , "Targeting of Retroviral Vectors for Gene Therapy", <i>Human Gene Therapy</i> , <u>4</u> :129-141; (1993)
	HH	Sarver <i>et al.</i> , "Ribozymes as Potential Anti-HIV-1 Therapeutic Agents", <i>Science</i> , <u>247</u> :1222-1225; (1990)
	HI	Sawada <i>et al.</i> , "Prevention of Neointimal Formation by a Serine Protease Inhibitor, FUT-175, After Carotid Balloon Injury in Rats", <i>Stroke</i> , <u>30</u> (3):644-650; (1999)
	HJ	Scalia <i>et al.</i> , "Beneficial Effects of LEX032, A Novel Recombinant Serine Protease Inhibitor, in Murine Traumatic Shock", <i>Shock</i> , <u>4</u> (4):251-256; (1995)
	HK	Scuderi, "Suppression of Human Leukocyte Tumor Necrosis Factor Secretion by the Serine Protease Inhibitor β -Toluenesulfonyl-L-Arginine Methyl Ester (Tame)", <i>J. Immunol.</i> , <u>143</u> (1):168-173; (1989)
	HL	Sekar <i>et al.</i> , "Specificity of the Serine Protease Inhibitor, Phenylmethylsulfonyl Fluoride", <i>Biochem. Biophys. Res. Commun.</i> , <u>89</u> (2):474-478; (1979)
	HM	Senda <i>et al.</i> , "Treatment of Ulcerative Colitis with Camostat Mesilate, A Serine Protease Inhibitor", <i>Intern. Med.</i> , <u>32</u> (4):350-354; (1993)
	HN	Senter <i>et al.</i> , "Novel Photocleavable Protein Crosslinking Reagents and Their Use in the Preparation of Antibody-Toxin Conjugates", <i>Photochem. Photobiol.</i> , <u>42</u> (3):231-237; (1985)

EXAMINER	DATE CONSIDERED
EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

FORM PTO-1449 (Modified)		ATTY. DOCKET NO. 24745-1607	SERIAL NO. 09/776,191
LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT		APPLICANT MADISON et al.	
		FILING DATE February 2, 2001	GROUP 1614

OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

HO	Seto <i>et al.</i> , "Central Effect of Aprotinin, a Serine Protease Inhibitor, on Blood Pressure in Spontaneously Hypertensive and Wistar-Kyoto Rats", <i>Adv. Exp. Med. Biol.</i> , <u>247B</u> :49-54; (1989)
HP	Seto <i>et al.</i> , "The Effect of Aprotinin (A Serine Protease Inhibitor) on Renal Function and Renin Release", <i>Hypertension</i> , <u>5</u> (6):893-899; (1983)
HQ	Shimomura <i>et al.</i> , "Hepatocyte Growth Factor Activator Inhibitor, a Novel Kunitz-type Serine Protease Inhibitor", <i>J. Biol. Chem.</i> , <u>272</u> (10):6370-6376; (1997)
HR	Shiozaki <i>et al.</i> , "Effect of FUT-187, Oral Serine Protease Inhibitor, on Inflammation in the Gastric Remnant", <i>Jpn. J. Cancer Chemother.</i> , <u>23</u> (14):1971-1979; (1996)
HS	Shohet <i>et al.</i> , "Inhibitor-Resistant Tissue-Type Plasminogen Activator: An Improved Thrombolytic Agent In Vitro", <i>Thromb Haemost.</i> , <u>71</u> (1):124-128; (1994)
HT	Sikora, "Gene therapy for cancer", <i>TIBTECH</i> , <u>11</u> (5):197-201; (1993)
HU	Silverman <i>et al.</i> , "New assay technologies for high-throughput screening", <i>Curr. Opin. Chem. Biol.</i> , <u>2</u> (3):397-403; (1998)
HV	Simar-Blanchet <i>et al.</i> , "Regulation of expression of the rat serine protease inhibitor 2.3 gene by glucocorticoids and interleukin-6. A complex and unusual interplay between positive and negative <i>cis</i> -acting elements", <i>Eur. J. Biochem.</i> , <u>236</u> (2):638-648; (1996)
H W	Sittampalam <i>et al.</i> , "High-throughput screening: advances in assay technologies", <i>Curr. Opin. Chem. Biol.</i> , <u>1</u> :384-391; (1997)
HX	Smith <i>et al.</i> , "Protein Loop Grafting to Construct a Variant of Tissue-type Plasminogen Activator That Binds Platelet Integrin α IIb β 3", <i>J. Biol. Chem.</i> , <u>270</u> (51):30486-30490; (1995)
HY	Sonatore <i>et al.</i> , "The Utility of FK506-Binding Protein as a Fusion Partner in Scintillation Proximity Assays: Application to SH2 Domains", <i>Anal. Biochem.</i> , <u>240</u> :289-297; (1996)
HZ	Stankiewicz <i>et al.</i> , "3' Noncoding sequences of the CTA 1 gene enhance expression of the recombinant serine protease inhibitor, CPTI II, in <i>Saccharomyces cerevisiae</i> ", <i>Acta Biochim. Pol.</i> , <u>43</u> (3):525-529; (1996)
IA	Steele <i>et al.</i> , "Pigment epithelium-derived factor: Neurotrophic activity and identification as a member of the serine protease inhibitor gene family", <i>Proc. Natl. Acad. Sci. U.S.A.</i> , <u>90</u> (4):1526-1530; (1993)
IB	Stemple <i>et al.</i> , "Isolation of a Stem Cell for Neurons and Glia from the Mammalian Neural Crest", <i>Cell</i> , <u>71</u> :973-985; (1992)

EXAMINER

DATE CONSIDERED

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

FORM PTO-1449 (Modified)		ATTY. DOCKET NO. 24745-1607	SERIAL NO. 09/776,191
LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT		APPLICANT MADISON et al.	
		FILING DATE February 2, 2001	GROUP 1614

OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

	IC	Strandberg <i>et al.</i> , "Variants of Tissue-type Plasminogen Activator with Substantially Enhanced Response and Selectivity toward Fibrin Co-factors", <i>J. Biol. Chem.</i> , <u>270</u> (40):23444-23449; (1995)
	ID	Sullivan <i>et al.</i> , "Development of a Scintillation Proximity Assay for Calcineurin Phosphatase Activity", <i>J. Biomol. Screening</i> , <u>2</u> :19-23; (1997)
	IE	Tachias <i>et al.</i> , "Variants of Tissue-type Plasminogen Activator That Display Extraordinary Resistance to Inhibition by the Serpin Plasminogen Activator Inhibitor Type 1", <i>J. Biol. Chem.</i> , <u>272</u> (23):14580-14585; (1997)
	IF	Tachias <i>et al.</i> , "Converting Tissue-type Plasminogen Activator into a Zymogen. Important Role Of Lys156", <i>J. Biol. Chem.</i> , <u>272</u> (1):28-31; (1997)
	IG	Tachias <i>et al.</i> , "Converting Tissue-type Plasminogen Activator into a Zymogen", <i>J. Biol. Chem.</i> , <u>271</u> (46):28749-28752; (1996)
	IH	Tachias <i>et al.</i> , "Variants of Tissue-type Plasminogen Activator Which Display Substantially Enhanced Stimulation by Fibrin", <i>J. Biol. Chem.</i> , <u>270</u> (31):18319-18322; (1995)
	II	Takeda <i>et al.</i> , "Construction of chimaeric processed immunoglobulin genes containing mouse variable and human constant region sequences", <i>Nature</i> , <u>314</u> :452-454; (1985)
	IJ	Takeuchi <i>et al.</i> , "Reverse biochemistry: Use of macromolecular protease inhibitors to dissect complex biological processes and identify a membrane-type serine protease in epithelial cancer and normal tissue", <i>Proc. Natl. Acad. Sci. USA</i> , <u>96</u> :11054-11061; (1999)
	IK	Takeuchi <i>et al.</i> , "Cellular Localization of Membrane-type Serine Protease 1 and Identification of Protease-activated Receptor-2 and Single-chain Urokinase-type Plasminogen Activator as Substrates", <i>J. Biol. Chem.</i> , <u>275</u> (34):26333-26342; (2000)
	IL	Tanimoto <i>et al.</i> , "Hepsin, a Cell Surface Serine Protease Identified in Hepatoma Cells, Is Overexpressed in Ovarian Cancer", <i>Cancer Res.</i> , <u>57</u> :2884-2887; (1997)
	IM	Tolstoshev, "Gene Therapy, Concepts, Current Trials and Future Directions", <i>Annu. Rev. Pharmacol. Toxicol.</i> , <u>32</u> :573-596; (1993)
	IN	Tomita <i>et al.</i> , "A Novel Low-Density Lipoprotein Receptor-Related Protein with Type II Membrane Protein-Like Structure Is Abundant in Heart", <i>J. Biochem.</i> , <u>124</u> :784-789; (1998)

EXAMINER

DATE CONSIDERED

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

FORM PTO-1449 (Modified)		ATTY. DOCKET NO. 24745-1607	SERIAL NO. 09/776,191
LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT		APPLICANT MADISON et al.	
		FILING DATE February 2, 2001	GROUP 1614

OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

	IO	Treadwell <i>et al.</i> , "Cartilage Synthesizes the Serine Protease Inhibitor PAI-1: Support for the Involvement of Serine Proteases in Cartilage Remodeling", <i>J. Orthop. Res.</i> , <u>9</u> (3):309-316; (1991)
	IP	Tsutsui <i>et al.</i> , "Cross-linking of Proteins to DNA in Newly Synthesized Chromatin By Diisopropylfluorophosphate. A Serine Protease Inhibitor", <i>Biochem. Biophys. Res. Commun.</i> , <u>123</u> (1):271-277; (1984)
	IQ	van der Krol <i>et al.</i> , "Modulation of Eukaryotic Gene Expression by Complementary RNA or DNA Sequences", <i>BioTech.</i> , <u>6</u> (10):958-976; (1988)
	IR	Veber <i>et al.</i> , "The design of metabolically-stable peptide analogs", <i>T/NS</i> , pages 392-396; (1985)
	IS	Vu <i>et al.</i> , "Identification and cloning of the Membrane-associated Serine Protease, Hepsin, from Mouse Preimplantation Embryos", <i>J. Biol. Chem.</i> , <u>272</u> (50):31315-31320; (1997)
	IT	Wagner <i>et al.</i> , "Nucleotide sequence of the thymidine kinase gene of herpes simplex virus type 1", <i>Proc. Natl. Acad. Sci. U.S.A.</i> , <u>78</u> (3):1441-1445; (1981)
	IU	Wallrapp <i>et al.</i> , "A Novel Transmembrane Serine Protease (TMPRSS3) Overexpressed in Pancreatic Cancer", <i>Cancer</i> , <u>60</u> :2602-2606; (2000)
	IA	Walsh <i>et al.</i> , "Gene Therapy for Human Hemoglobinopathies", <i>Proc. Soc. Exp. Biol. Med.</i> , <u>204</u> :289-300; (1993)
	IB	Warren <i>et al.</i> , "Spi-1: an hepatic serine protease inhibitor regulated by GH and other hormones", <i>Mol. Cell Endocrinol.</i> , <u>98</u> (1):27-32; (1993)
	IC	Watson <i>et al.</i> , "The Fine Structure of Bacterial and Phage Genes", Book: <u>Molecular Biology of the Gene</u> , 4th Ed., The Bejacmin/Cummings Pub. Co., <u>1</u> :224; (1987)
	ID	Webber <i>et al.</i> , "Prostate-specific Antigen, a Serine Protease, Facilitates Human Prostate Cancer Cell Invasion", <i>Clin. Cancer Res.</i> , <u>1</u> :1089-1094; (1995)
	IF	Wellhöner <i>et al.</i> , "Uptake and Concentration of Bioactive Macromolecules by K562 Cells via the Transferrin Cycle Utilizing an Acid-labile Transferrin", <i>J. Biol. Chem.</i> , <u>266</u> (7):4309-4314; (1991)
	IG	Werner <i>et al.</i> , "Identification of a Protein-binding Surface by Differential Admide Hydrogen-exchange Measurements", <i>J. Mol. Biol.</i> , <u>225</u> :873-889; (1992)
	IH	Whitlow <i>et al.</i> , "An improved linker for single-chain Fv with reduced aggregation and enhanced proteolytic stability", <i>Protein Engineering</i> , <u>6</u> (8):989-995; (1993)

EXAMINER	DATE CONSIDERED
----------	-----------------

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

FORM PTO-1449 (Modified)		ATTY. DOCKET NO. 24745-1607	SERIAL NO. 09/776,191
LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT		APPLICANT MADISON et al.	
		FILING DATE February 2, 2001	GROUP 1614

OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

II	Williamson, "From genome mapping to gene therapy", <i>TIBTECH</i> , <u>11</u> (5):159-161; (1993)
IJ	Wivel, "Regulatory considerations for gene-therapy strategies and products", <i>TIBTECH</i> , <u>11</u> (5):189-191; (1993)
IK	Woodard <i>et al.</i> , "Chymase-Directed Serine Protease Inhibitor That Reacts with a Single 30-kDa Granzyme and Blocks NK-Mediated Cytotoxicity", <i>J. Immunol.</i> , <u>153</u> :5016-5025; (1994)
IL	Wu <i>et al.</i> , "Delivery systems for gene therapy", <i>Biotherapy</i> , <u>3</u> :87-95; (1991)
IM	Wu <i>et al.</i> , "Receptor-mediated <i>in Vitro</i> Gene Transformation by a Soluble DNA Carrier System", <i>J. Biol. Chem.</i> , <u>262</u> (1):4429-4432; (1987)
IN	Xing <i>et al.</i> , "Prevention of Breast Cancer Growth, Invasion, and Metastasis by Antiestrogen Tamoxifen Alone or in Combination with Urokinase Inhibitor B-428", <i>Canc. Res.</i> , <u>57</u> :3585-3593; (1997)
IO	Xu <i>et al.</i> , "The Crystal Structure of Bikunin from the Inter- α -Inhibitor Complex: A Serine Protease Inhibitor with Two Kunitz Domains", <i>J. Mol. Biol.</i> , <u>276</u> (5):955-966 (1998)
IP	Xue <i>et al.</i> , "Comparison of the Effects of Apo(a) Kringle IV-10 and Plasminogen Kringle on the Interactions of Lipoprotein(a) with Regulatory Molecules", <i>Thromb Haemost.</i> , <u>81</u> (3):428-435; (1999)
IQ	Yahagi <i>et al.</i> , "Complementary DNA Cloning and Sequencing of Rat Enteropeptidase and Tissue Distribution of Its mRNA", <i>Biochem. Biophys. Res. Commun.</i> , <u>219</u> :806-812; (1996)
IR	Yamamoto <i>et al.</i> , "Identification of a Functional Promoter in the Long Terminal Repeat of Rous Sarcoma Virus", <i>Cell</i> , <u>22</u> :787-797; (1980)
IS	Yamaoka <i>et al.</i> , "Cloning and Characterization of the cDNA for Human Airway Trypsin-like Protease", <i>J. Biol. Chem.</i> , <u>273</u> (19):11894-11901; (1998)
IT	Yamauchi <i>et al.</i> , "Anti-Carcinogenic Effects of a Serine Protease Inhibitor (FOY-305) through the Suppression of Neutral Serine Protease Activity During chemical Hepatocarcinogenesis in Rats", <i>Hiroshima J. Med. Sci.</i> , <u>36</u> (1):81-87 No abstract available (1987)
IU	Yan <i>et al.</i> , "Corin, a Mosaic Transmembrane Serine Protease Encoded by a Novel cDNA from Human Heart", <i>J. Biol. Chem.</i> , <u>274</u> (21):14926-14935; (1999)
IV	Yan <i>et al.</i> , "Corin, a transmembrane cardiac serine protease, acts as a pro-atrial natriuretic peptide-converting enzyme", <i>PNAS</i> , <u>97</u> (15):8525-8529; (2000)

EXAMINER

DATE CONSIDERED

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

FORM PTO-1449 (Modified)		ATTY. DOCKET NO. 24745-1607	SERIAL NO. 09/776,191
LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT		APPLICANT MADISON et al.	
		FILING DATE February 2, 2001	GROUP 1614

OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

IW	Yanamoto <i>et al.</i> , "Preventive Effect of Synthetic Serine Protease Inhibitor, FUT-175, on Cerebral Vasospasm in Rabbits", <i>Neurosurgery</i> , <u>30</u> (3):351-357; (1992)
IX	Yanamoto <i>et al.</i> , "Therapeutic Trial of Cerebral Vasospasm with the Serine Protease Inhibitor, FUT-175, Administered in the Acute Stage after Subarachnoid Hemorrhage", <i>Neurosurgery</i> , <u>30</u> (3):358-363; (1992)
IY	Yang <i>et al.</i> , "Ecotin: A Serine Protease Inhibitor with Two Distinct and Interacting Binding Sites", <i>J. Mol. Biol.</i> , <u>279</u> :945-957; (1998)
IZ	Yen <i>et al.</i> , "Synthesis of water-soluble copolymers containing photocleavable bonds", <i>Makromol. Chem.</i> , <u>190</u> :69-82; (1989)
JA	Yi <i>et al.</i> , "Bikunin, a serine Protease Inhibitor, is Present on the Cell Boundary of Epidermis", <i>J. Invest. Dermatol.</i> , <u>113</u> (2):182-188; (1999)
JB	Yu <i>et al.</i> , "Message of nexin 1, a serine protease inhibitor, is accumulated in the follicular papilla during anagen of the hair cycle", <i>J. Cell Sci.</i> , <u>108</u> :3867-3874; (1995)
JC	Yuan <i>et al.</i> , "Structrure of murine enterokinase (enteropeptidase) and expression in small intestine during development", <i>Am. J. Physiol.</i> , <u>274</u> :G342-G349; (1998)
JD	Zallipsky, "Functionalized Poly(ethylene glycol) for Preparation of Biologically Relevant Conjugates", <i>Bioconjugate Chem.</i> , <u>6</u> :150-165; (1995)
JE	Zhang <i>et al.</i> , "Distinct Contributions of Residue 192 to the Specificity of Coagulation and Fibrinolytic Serine Proteases", <i>J. Biol. Chem.</i> , <u>274</u> (11):7153-7156; (1999)
JF	Zhou <i>et al.</i> , "The Vaccinia Virus K2L Gene Encodes a Serine Protease Inhibitor Which Inhibits Cell-Cell Fusion", <i>Virology</i> , <u>189</u> :678-686; (1992)
JG	Zijlstra <i>et al.</i> , "Germ-line transmission of a disrupted β_2 -microglobulin gene produced by homologous recombination in embryonic stem cells", <i>Nature</i> , <u>342</u> :435-438; (1989)
JH	Zon, "Oligonucleotide Analogues as Potential Chemotherapeutic Agents", <i>Pharm. Res.</i> , <u>5</u> (9):539-549; (1988)

TITLE: NUCLEIC ACID MOLECULES ENCODING TRANSMEMBRANE SERINE PROTEASES, THE ENCODED PROTEINS AND METHODS BASED THEREON

EXAMINER

DATE CONSIDERED

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Filed: